

FIG. 1

INDIANAPOLIS

CH. NO.	CHANNEL
1	WRTV ABC AFFILIATE (INDY)
2	WISH CBS AFFILIATE (INDY)
3	WTHR NBC AFFILIATE (INDY)
4	ESPN
5	CNN
6	HBO

KOKOMO

CH. NO.	CHANNEL
1	WRTV ABC (INDY)
2	WISH CBS (INDY)
3	WTHR NBC (INDY)
4	ESPN
5	CNN
6	HBO
11	WXYZ ABC (KOKOMO)
12	WHJK CBS (KOKOMO)
13	WTYR NBC (KOKOMO)

FORT WAYNE

CH. NO.	CHANNEL
1	WRTV ABC (INDY)
2	WISH CBS (INDY)
3	WTHR NBC (INDY)
4	ESPN
5	CNN
6	HBO
11	WQPL ABC (FT. WAYNE)
12	WDFG CBS (FT. WAYNE)
13	WTHK NBC (FT. WAYNE)

FIG. 2

SYNTAX	BITS	FORMAT
channel_information_table_section () {		
table_id	8	0XE2
section_syntax_indicator	1	'1'
private_indicator	1	'1'
reserved	2	'11'
section_length	12	uimsbf
table_id_extension	16	uimsbf
reserved	2	'11'
version_number	5	uimsbf
current_next_indicator	1	'1'
section_number	8	uimsbf
last_section_number	8	uimsbf
reserved	2	'11'
number_channels	6	uimsbf
for(i=0; i<number_channels;i++) channel_info(i) {		
reserved	2	'11'
channel_number	10	uimsbf
channel_info_length	12	uimsbf
channel_PTC	8	uimsbf
short_name	8*4	ISO-LATIN-1
CI_CSS	32	bsbf
reserved	4	'1111'
number_PIDs	4	uimsbf
SPI_indicator	8	bsbf
flags () {		
channel_PIP_flag	2	bsbf
channel_DIP_flag	2	bsbf
indirect_mapping	1	'0'
promo_flag	1	bsbf
provider_index_flag	1	bsbf
name_flag	1	bsbf
}		
if (SPI_indicator==0x00){		
for (i = 1;i<= number_PIDs;i++){		
zero_bits	3	'000'
PID[i]	13	uimsbf
SType[i]	8	uimsbf
}		
} else {		
zero_bits	3	'000'
base_PID	13	uimsbf
}		
PIP_PTC	8	uimsbf
DIP_PTC	8	uimsbf
if (channel_PIP_flag == 0x2)		
channel_PIP_message_number	16	uimsbf
if (channel_DIP_flag == 0x2)		
channel_DIP_message_number	16	uimsbf
if (provider_index_flag == '1')		
provider_index	16	uimsbf
if (name_flag == '1')		
long_channel_name	8*n	ISO-LATIN-1
}		
CRC_32	32	rpchofs
}		

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FIG. 3

	SYNTAX	BITS	FORMAT
	new_service_infomation() {		
	ci_css	32	uimsbf
	channel_PTC	8	uimsbf
405	reserved	4	'1111'
	number_PIDs	4	uimsbf
	for (i = 1; i <= number_PIDs; i++) {		
	zero_bits	3	'000'
	PID[i]	13	bslbf
410	SType[i]	8	bslbf
	}		
	}		

FIG. 4

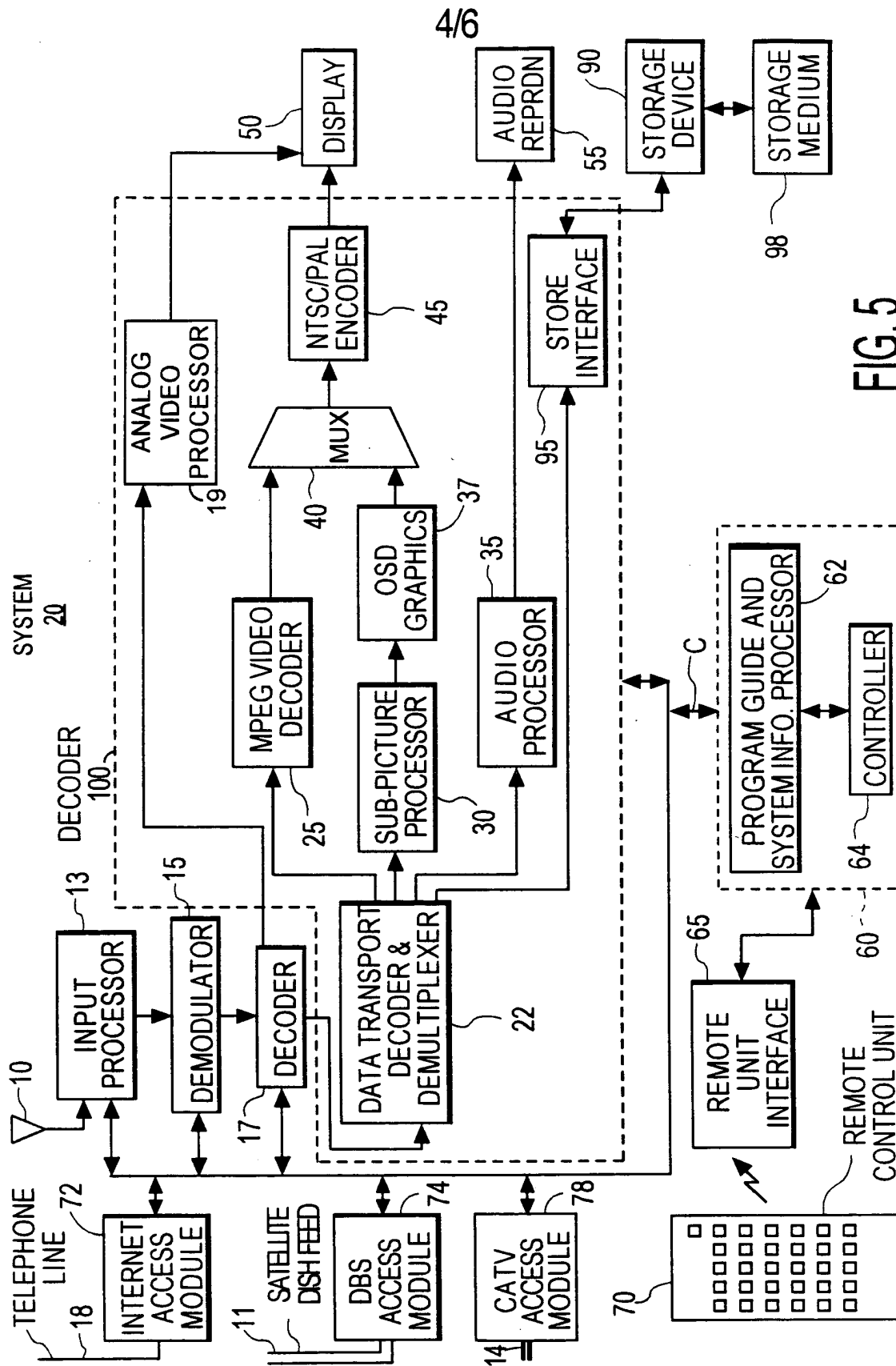
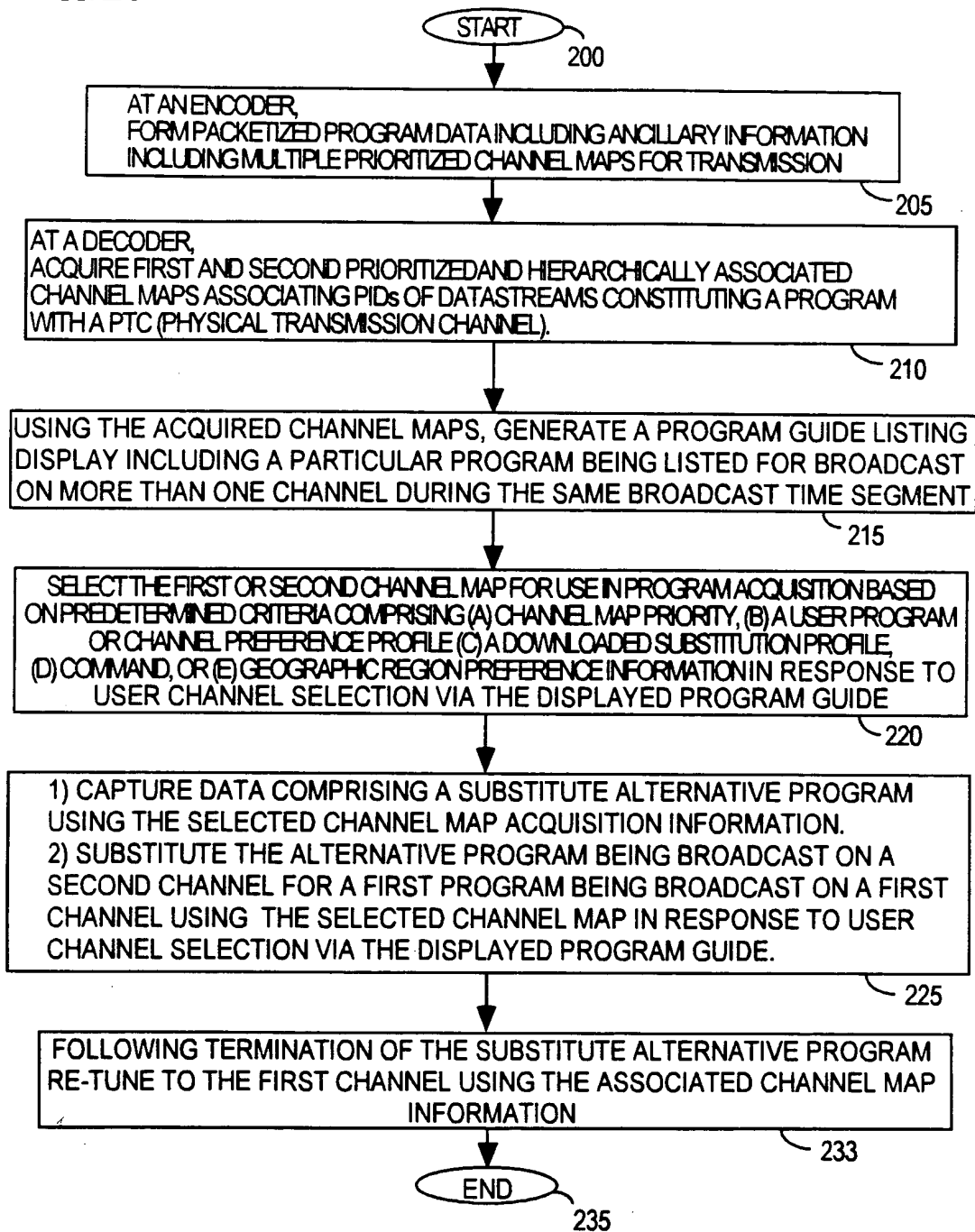


FIG. 5

FIGURE 6

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CH. NO.	CHANNEL PTC	AV PIDS	8:00	8:30	9:00	9:30	10:00
1	WRTV ABC (INDY)	6 100/101	WHEEL OF FORTUNE	M.A.S.H.	3 STOOGES	I DREAM OF JEANNIE	NEWS
2	WISH CBS (INDY)	6 110/111	INDIANA PACERS VS. NEW YORK KNICKS GAME 1 NEW SERVICE INFORMATION: PTC=18 VIDEO PID=110 AUDIO PID=111				NEWS
3	WTHR NBC (INDY)	6 120/121	THURSDAY NIGHT MOVIE: DIE HARD				NEWS
4	ESPN	12 100/101	MOTO CROSS		NHL: DALLAS VS. COLORADO		
5	CNN	12 110/111	REGIONAL NEWS	NATIONAL NEWS	MEET THE PRESS		NIGHTLY NEWS
6	HBO	12 120/121	BLAZING SADDLES				HOLY GRAIL
11	WXYZ ABC 18 100/101 (KOKOMO)		EAGLES LIVE	WHEEL OF FORTUNE		M.A.S.H.	3 STOOGES
12	WHJK CBS 18 110/111 (KOKOMO)		INDIANA PACERS VS. NEW YORK KNICKS GAME 1				LARRY BIRD SHOW
13	WTYR NBC 18 120/121 (KOKOMO)		BARBARA WALTERS	NATIONAL NEWS	THURSDAY NIGHT MOVIE: DIE HARD		

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FIG. 7